

Application No. 10/611,591
Response to Office Action of February 9, 2007

Att. Docket No. 042390.P17062
TC/A.U. 2157

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-14 (Cancelled)

15. (Original) A network comprising:

a router having a router interface associated with a subnet;

a DHCP server having a DHCP interface associated with the subnet; and

a node coupled with the router and the DHCP server and having a processor and logic executable thereon to

reference an electronic file to determine whether a DHCP server interface and a router interface are on the same subnet; and

determine configuration information for the DHCP server interface based, at least in part, on information in the electronic file; and

determine configuration information for the router interface based, at least in part, on information in the electronic file.

16. (Original) The network of claim 15, wherein the referenced electronic file comprises a list of network components having a standardized syntax.

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17. (Original) The network of claim 16, wherein the electronic list of network components includes addressing scheme information to identify an addressing scheme for the listed network components.

18. (Original) The network of claim 15, wherein the node coupled with the router and the DHCP server and having a processor and logic executable thereon to automatically determine configuration information for the DHCP server interface based, at least in part, on information in the electronic file comprises logic executable to
determine an IP address of the DHCP server interface; and
determine a gateway IP address for the subnet.

19. (Original) The network of claim 15, wherein the node coupled with the router and the DHCP server and having a processor and logic executable thereon comprises logic executable thereon further to
programmatically configure the router with the determined configuration information; and to
programmatically configure the DHCP server with the determined configuration information.

20. (Original) The network of claim 15, wherein the node is the DHCP server.

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Claims 21-26 (Cancelled)

27. (Original) A network comprising:

a router having a router interface associated with a subnet;

a Bootstrap Protocol (BOOTP) compliant server having an interface associated with the subnet; and

a node coupled with the router and the BOOTP compliant server and having a processor and logic executable thereon to

reference an electronic file to determine whether a BOOTP compliant server interface and a router interface are on the same subnet; and
automatically determine configuration information for the BOOTP compliant server interface based, at least in part, on information in the referenced data structure; and

automatically determine configuration information for the router interface based, at least in part, on information in the referenced data structure.

28. (Original) The network of claim 27, wherein the referenced electronic file comprises a list of network components having a standardized syntax.

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29. (Original) The network of claim 27, wherein the node coupled with the router and the BOOTP compliant server and having a processor and logic executable thereon comprises logic executable thereon further to

programmatically configure the router with the determined configuration information; and to

programmatically configure the BOOTP compliant server with the determined configuration information.